



FIG. 1

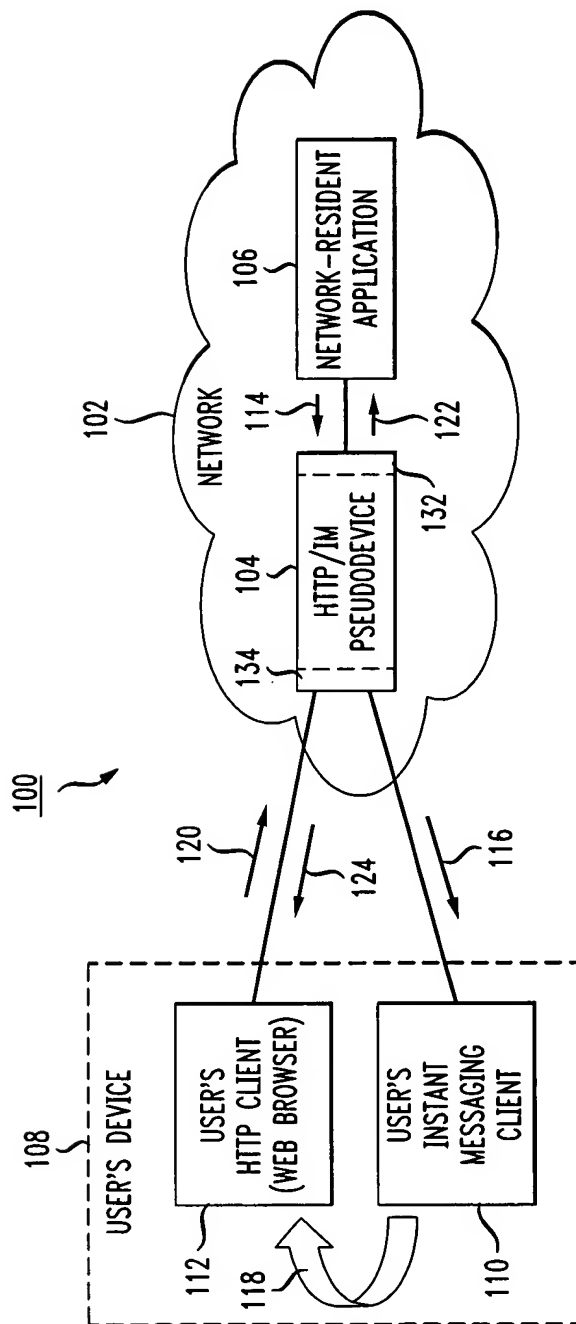
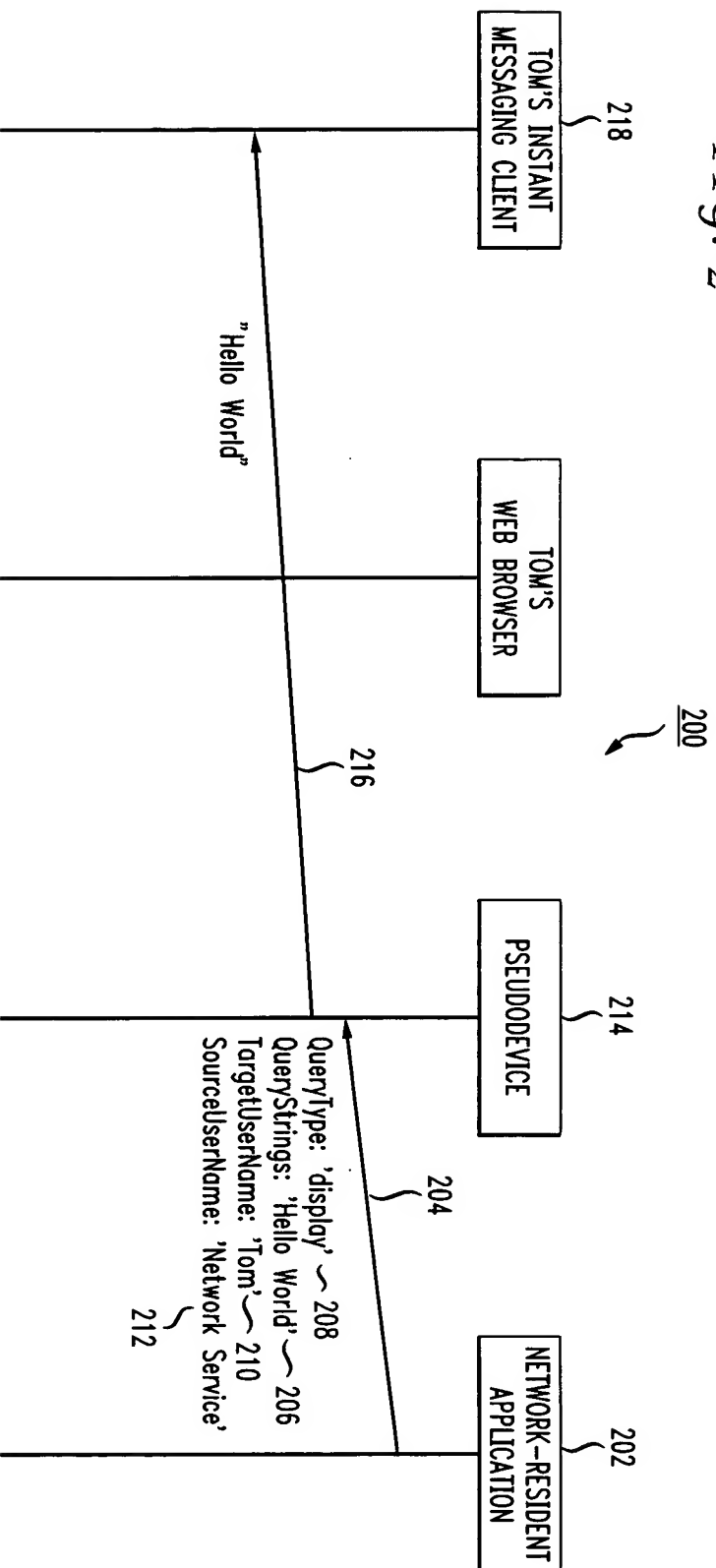


FIG. 2



218

TOM'S INSTANT
MESSAGING CLIENT

TOM'S
WEB BROWSER

200

214

PSEUDODEVICE

202

NETWORK-RESIDENT
APPLICATION

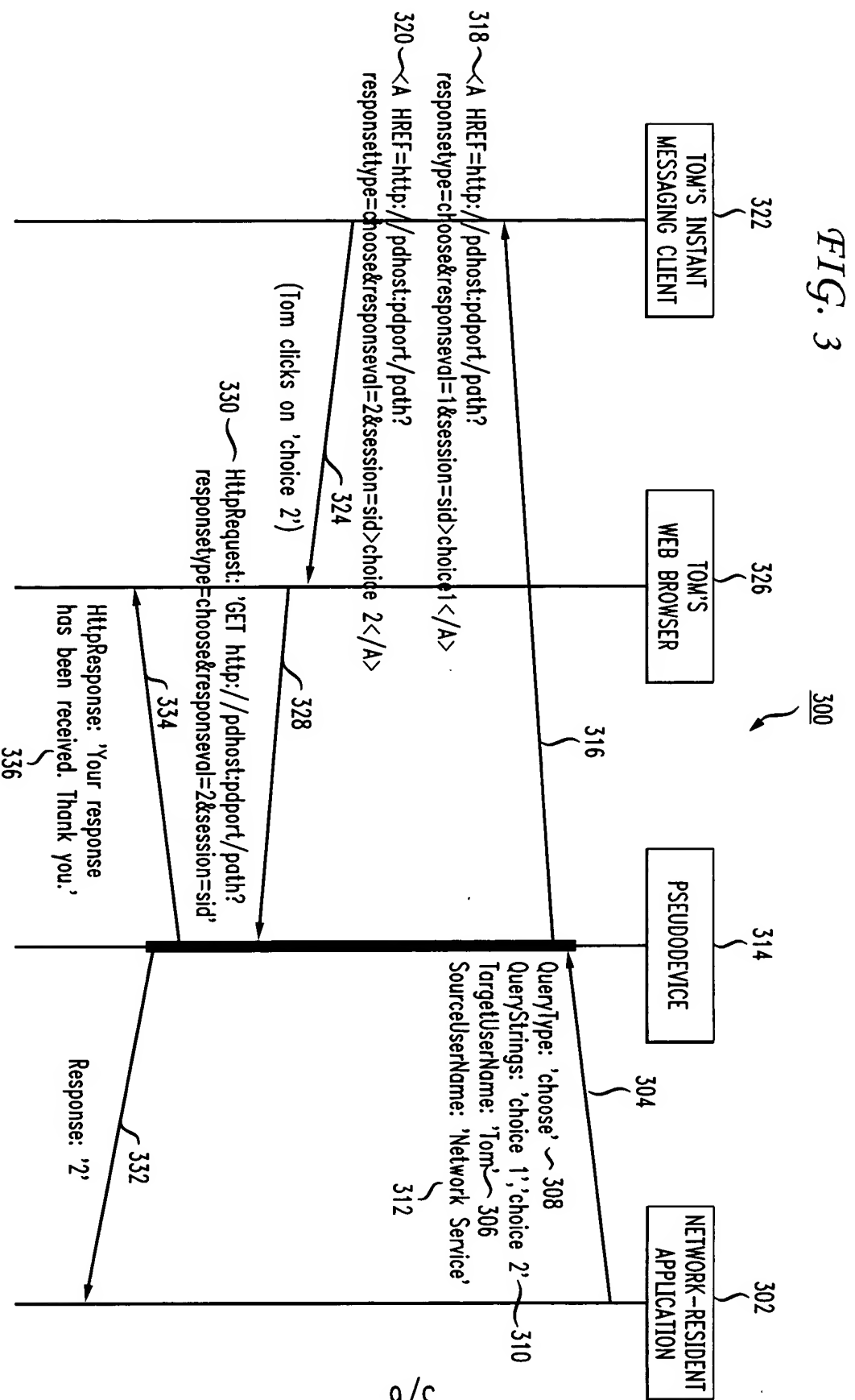
204

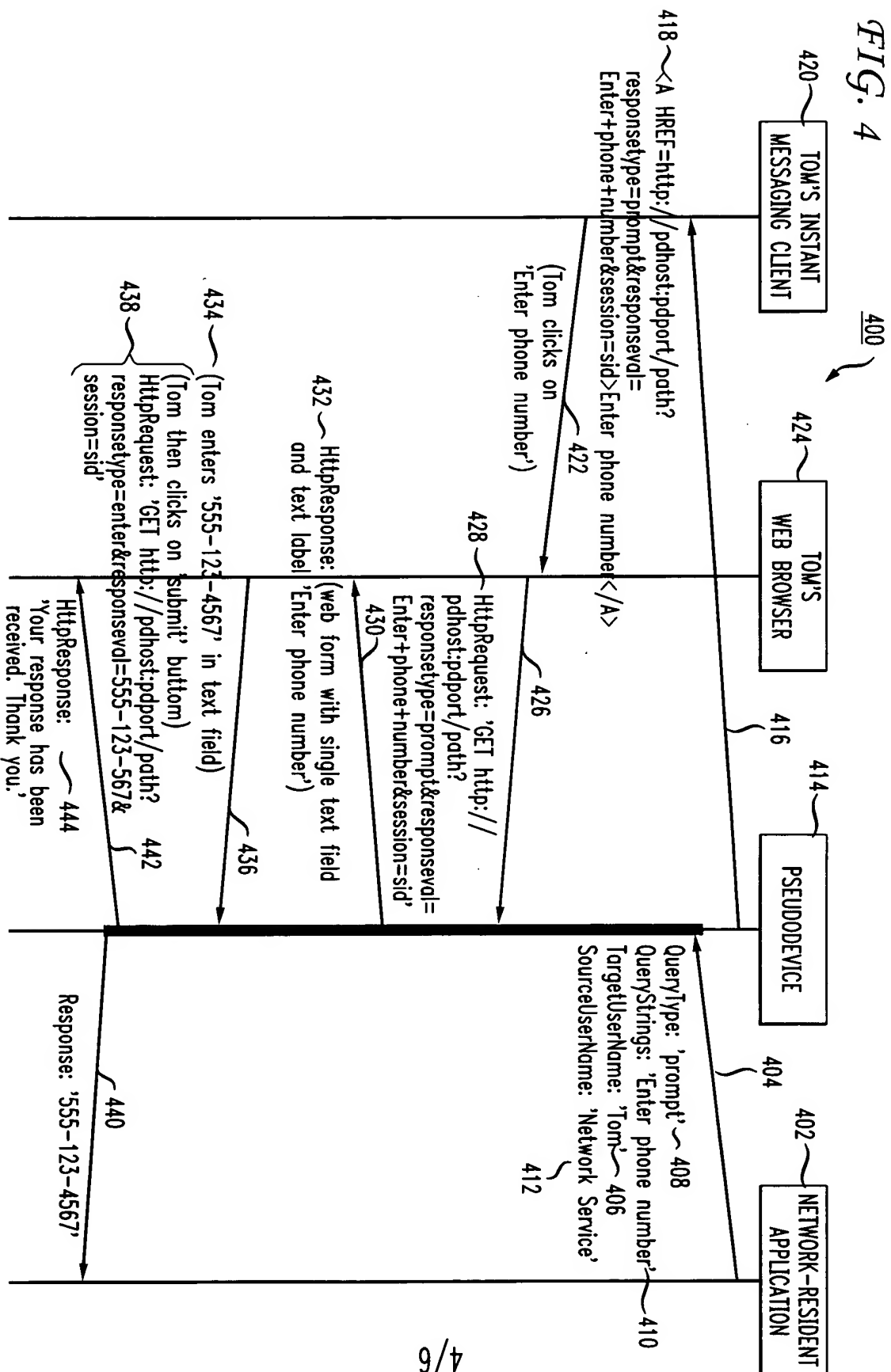
"Hello World"

216

QueryType: 'display' ~ 208
QueryStrings: 'Hello World' ~ 206
TargetUserName: 'Tom' ~ 210
SourceUserName: 'Network Service' ~ 212

212





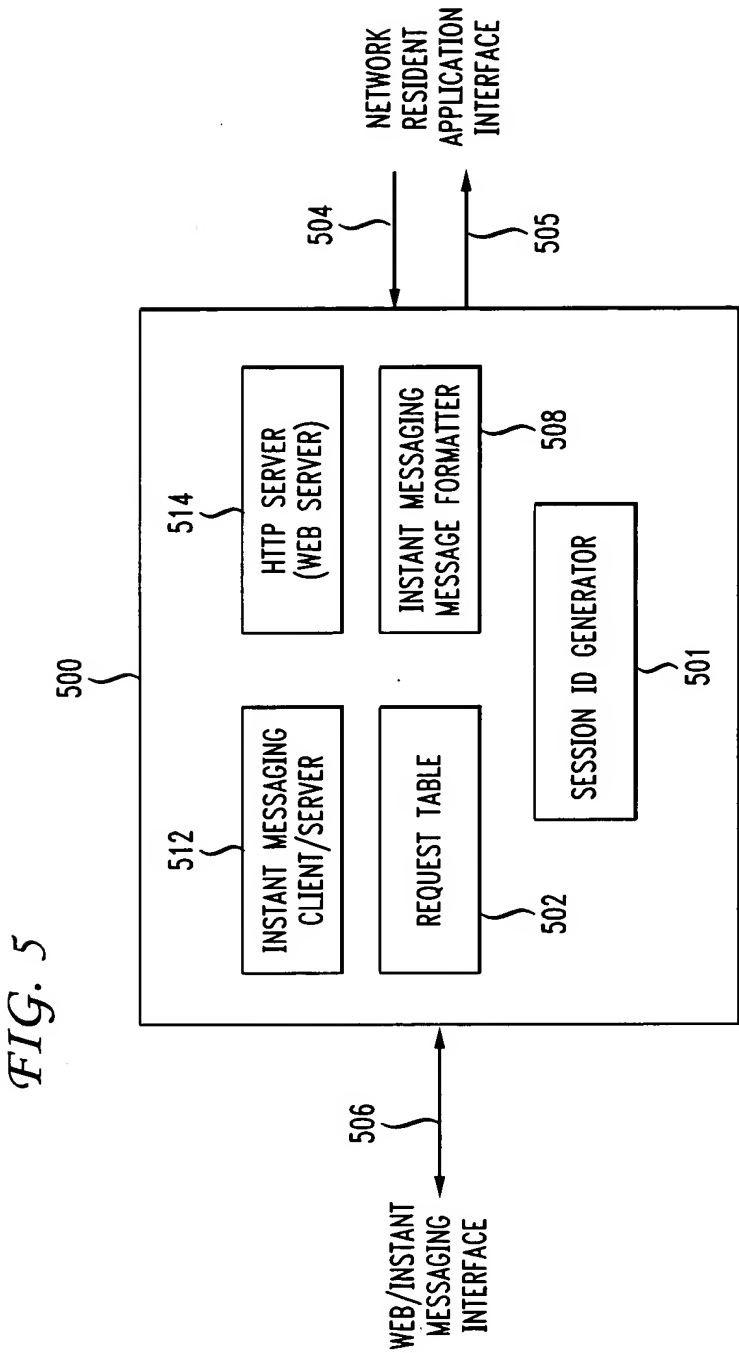


FIG. 6

600

Network-Resident Interface Pseudocode

602 {
Generate a unique session ID for a request and add requestor entry in 'Request Table.'
Format a request message using the 'Instant Messaging Message Formatter.'
Send a message to a user device using the 'Instant Messaging Client/Server.'

Web Browser/Instant Messaging Interface Pseudocode

610 {
If a user device's request URL type is 'choose' or 'enter' then the 'Web server' interface returns a web page to the user device with the message: 'Your response has been received. Thank you.'
Then the 'Web server' looks up an entry in the 'Request Table' corresponding to the response if receives from the user device, and conveys the response to the requester.
If a user device's request URL type is 'prompt' then the 'Web server' interface returns a web page to the user device with a form for entering a response to the requester.